

## WEST Search History

DATE: Thursday, October 17, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
L9	L8 and l7	391	L9
L8	treat	115126	L8
L7	L6 and l5	587	L7
L6	cell proliferation	11982	L6
L5	L4 and l3	2089	L5
L4	dehydrogenase	12579	L4
L3	glutathione	9506	L3
L2	D-glutathione	0	L2
L1	D-gluathione	0	L1

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal653rxt

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUIDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUIDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS EXPRESS			October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:19:31 ON 17 OCT 2002

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 12:19:40 ON 17 OCT 2002

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FILE COVERS 1907 - 17 Oct 2002 VOL 137 ISS 16

FILE LAST UPDATED: 16 Oct 2002 (20021016/ED)

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=> s GS-FDH

L1 2 GS-FDH

=> d l1 1-2

L1 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS

AN 2002:539477 CAPLUS

DN 137:88484

TI Inhibiting **GS-FDH** to modulate NO bioactivity

IN Stamler, Jonathan S.; Liu, Limin; Hausladen, Alfred; Nudelman, Raphael

PA Duke University, USA

SO PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI WO 2002055018	A2	20020718	WO 2001-US44709	20011214
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,			

CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
US 2002128205 A1 20020912 US 2001-757610 20010111  
PRAI US 2001-757610 A 20010111

L1 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS

AN 1997 654389 CAPLUS

DN 127:316623

TI Induction of glutathione-dependent formaldehyde dehydrogenase activity in  
Escherichia coli and Hemophilus influenza

AU Gutheil, William G.; Kasimoglu, Elvin; Nicholson, Permila C.

CS Department of Biochemistry, Meharry Medical College, Nashville, TN, 37208,  
USA

SO Biochemical and Biophysical Research Communications (1997), 238(3),  
693-696

CODEN: BBRCA9; ISSN: 0006-291X

PB Academic

DT Journal

LA English

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

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FULL ESTIMATED COST

5.56

5.77

FILE 'STNGUIDE' ENTERED AT 12:20:25 ON 17 OCT 2002

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LAST RELOADED: Oct 11, 2002 (20021011/UP).

09/ 757 610

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NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
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NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
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NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS  
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
  
NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,  
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=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 13:08:04 ON 17 OCT 2002  
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FILE LAST UPDATED: 16 Oct 2002 (20021016/ED)

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=> s inhibitor  
L1 641208 INHIBITOR

=> s d-glutathione  
L2 17 D-GLUTATHIONE

=> s mycophenolic acid  
L3 1089 MYCOPHENOLIC ACID

=> s l1 and l2 and l3  
L4 0 L1 AND L2 AND L3

=> s l1 and l2  
L5 4 L1 AND L2

=> d l5 1-4

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AN 1998:458073 CAPLUS  
DN 129:170356  
TI Temporal and kinetic determinants of the inhibition of LDL oxidation by N-acetylcysteine (NAC)  
AU Rattan, Anil K.; Arad, Yadon  
CS DeMatteis Center, St. Francis Hospital, Roslyn, NY, 11576-1348, USA  
SO Atherosclerosis (Shannon, Ireland) (1998), 138(2), 319-327  
CODEN: ATHSBL; ISSN: 0021-9150

PB Elsevier Science Ireland Ltd.  
DT Journal  
LA English

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AN 1994:653890 CAPLUS  
DN 121:253890  
TI Bequinostatin C and D manufacture with Streptomyces  
IN Takeuchi, Tomio; Aoyanagi, Takaaki; Hamada, Masa; Muraoka, Yasuhiko;  
Kojima, Fukiko; Aoyama, Takayuki; Tatee, Tochio; Yamazaki, Tadao  
PA Microbial Chem Res Found, Japan  
SO Jpn. Kokai Tokkyo Koho, 12 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06206846	A2	19940726	JP 1992-346273	19921225

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AN 1994:499165 CAPLUS  
DN 121:99165  
TI The correlation between multidrug resistance and glutathione (GSH) in EAC,  
EAC/ADR and EAC/ADR(R) cell lines  
AU Wang, Q. D.; Li, G. D.; Liu, M. J.; Zhang, Y.; Liu, J.; Zhang, T. M.  
CS Henan Inst. Med. Sci., Zhengzhou, 450052, Peop. Rep. China  
SO Yaouxue Xuebao (1994), 29(1), 20-3  
CODEN: YHHPAL; ISSN: 0513-4870  
DT Journal  
LA Chinese

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AN 1993:555708 CAPLUS  
DN 119:155708  
TI Benastatins C and D, new **inhibitors** of glutathione  
S-transferase, produced by Streptomyces sp. MI384-DF12: production,  
isolation, structure determination, and biological activities  
AU Aoyama, Takayuki; Kojima, Fukiko; Yamazaki, Tadao; Tatee, Tochio; Abe,  
Fuminori; Muraoka, Yasuhiko; Naganawa, Hiroshi; Aoyagi, Takaaki; Takeuchi,  
Tomio  
CS Inst. Microb. Chem., Tokyo, 141, Japan  
SO Journal of Antibiotics (1993), 46(5), 712-18  
CODEN: JANTAJ; ISSN: 0021-8820  
DT Journal  
LA English

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	13.15	13.36

FILE 'STNGUIDE' ENTERED AT 13:09:51 ON 17 OCT 2002  
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LAST RELOADED: Oct 11, 2002 (20021011/UP).

09/757 610

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LOGINID:sssptal653rxt

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

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L1 641208 INHIBITOR

=> s d-glutathione  
L2 17 D-GLUTATHIONE

=> s mycophenolic acid  
L3 1089 MYCOPHENOLIC ACID

=> s l1 and l2 and l3  
L4 0 L1 AND L2 AND L3

=> s l1 and l2  
L5 4 L1 AND L2

=> d 15 1-4

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AN 1998:458073 CAPLUS  
DN 129:170356  
TI Temporal and kinetic determinants of the inhibition of LDL oxidation by N-acetylcysteine (NAC)  
AU Rattan, Anil K.; Arad, Yadon  
CS DeMatteis Center, St. Francis Hospital, Roslyn, NY, 11576-1348, USA  
SO Atherosclerosis (Shannon, Ireland) (1998), 138(2), 319-327  
CODEN: ATHSBL; ISSN: 0021-9150

PB Elsevier Science Ireland Ltd.  
DT Journal  
LA English

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AN 1994:653890 CAPLUS  
DN 121:253890

TI Bequinostatin C and D manufacture with Streptomyces  
IN Takeuchi, Tomio; Aoyanagi, Takaaki; Hamada, Masa; Muraoka, Yasuhiko;  
Kojima, Fukiko; Aoyama, Takayuki; Tatee, Tochio; Yamazaki, Tadao  
PA Microbial Chem Res Found, Japan  
SO Jpn. Kokai Tokkyo Koho, 12 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06206846	A2	19940726	JP 1992-346273	19921225

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AN 1994:499165 CAPLUS  
DN 121:99165

TI The correlation between multidrug resistance and glutathione (GSH) in EAC,  
EAC/ADR and EAC/ADR(R) cell lines  
AU Wang, Q. D.; Li, G. D.; Liu, M. J.; Zhang, Y.; Liu, J.; Zhang, T. M.  
CS Henan Inst. Med. Sci., Zhengzhou, 450052, Peop. Rep. China  
SO Yaoxue Xuebao (1994), 29(1), 20-3  
CODEN: YHHPAL; ISSN: 0513-4870  
DT Journal  
LA Chinese

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AN 1993:555708 CAPLUS  
DN 119:155708

TI Benastatins C and D, new **inhibitors** of glutathione  
S-transferase, produced by Streptomyces sp. MI384-DF12: production,  
isolation, structure determination, and biological activities  
AU Aoyama, Takayuki; Kojima, Fukiko; Yamazaki, Tadao; Tatee, Tochio; Abe,  
Fuminori; Muraoka, Yasuhiko; Naganawa, Hiroshi; Aoyagi, Takaaki; Takeuchi,  
Tomio  
CS Inst. Microb. Chem., Tokyo, 141, Japan  
SO Journal of Antibiotics (1993), 46(5), 712-18  
CODEN: JANTAJ; ISSN: 0021-8820  
DT Journal  
LA English

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SINCE FILE	TOTAL
ENTRY	SESSION
13.15	13.36

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LAST RELOADED: Oct 11, 2002 (20021011/UP).

=> d 12 1-17  
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L2 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2002 ACS  
AN 2001:580987 CAPLUS  
DN 135:286582  
TI Potent inactivation of representative members of each PKC isozyme  
subfamily and PKD via S-thiolation by the tumor-promotion/progression  
antagonist glutathione but not by its precursor cysteine  
AU Chu, Feng; Ward, Nancy E.; O'Brian, Catherine A.  
CS Department of Cancer Biology, M.D. Anderson Cancer Center, University of  
Texas, Houston, TX, 77030, USA  
SO Carcinogenesis (2001), 22(8), 1221-1229  
CODEN: CRNGDP; ISSN: 0143-3334  
PB Oxford University Press  
DT Journal  
LA English  
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2002 ACS  
AN 2001:163849 CAPLUS  
DN 135:41935  
TI Relationships between tissue concentrations of polycyclic aromatic  
hydrocarbons and antioxidative responses of marine mussels, Perna viridis  
AU Cheung, C. C. C.; Zheng, G. J.; Li, A. M. Y.; Richardson, B. J.; Lam, P.  
K. S.  
CS Centre for Coastal Pollution and Conservation, Department of Biology and  
Chemistry, City University of Hong Kong, Kowloon, Hong Kong SAR, Hong Kong  
SO Aquatic Toxicology (2001), 52(3-4), 189-203  
CODEN: AQTOG; ISSN: 0166-445X  
PB Elsevier Science B.V.  
DT Journal  
LA English  
RE.CNT 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2002 ACS  
AN 2000:738517 CAPLUS  
DN 134:260969  
TI Glutathione S-transferase does not play a role in multidrug resistance of  
L1210/VCR cell line  
AU Bohacova, V.; Kvackajova, J.; Barancik, M.; Drobna, Z.; Breier, A.  
CS Institute of Molecular Physiology and Genetics, Slovak Academy of  
Sciences, Bratislava, Slovakia  
SO Physiological Research (Prague) (2000), 49(4), 447-453  
CODEN: PHRSEJ; ISSN: 0862-8408  
PB Institute of Physiology, Academy of Sciences of the Czech Republic  
DT Journal  
LA English  
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2002 ACS  
AN 2000:490278 CAPLUS  
DN 133:265022  
TI Relationship between metabolic glyceimic control and platelet content of  
glutathione and its related enzymes, in insulin-dependent diabetes  
mellitus  
AU Seghieri, G.; Di Simplicio, P.; De Giorgio, L. A.; Anichini, R.; Alberti,  
L.; Franconi, F.  
CS U.O. di Medicina Interna e Sezione di Diabetologia, Spedali Riuniti,  
Pistoia, Italy  
SO Clinica Chimica Acta (2000), 299(1-2), 109-117  
CODEN: CCATAR; ISSN: 0009-8981

PB Elsevier Science Ireland Ltd.  
DT Journal  
LA English  
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2002 ACS  
AN 2000:235085 CAPLUS  
DN 133:30932  
TI Synthesis and biological evaluation of enantiopure thionitrites: the  
solid-phase synthesis and nitrosation of **D-glutathione**  
as a molecular probe  
AU Caverro, Marta; Hobbs, Adrian; Madge, David; Motherwell, William B.;  
Selwood, David; Potier, Pierre  
CS Chemistry Department, Christopher Ingold Laboratories, University College  
London, London, WC1H 0AJ, UK  
SO Bioorganic & Medicinal Chemistry Letters (2000), 10(7), 641-644  
CODEN: BMCLE8; ISSN: 0960-894X  
PB Elsevier Science Ltd.  
DT Journal  
LA English  
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 6 OF 17 CAPLUS COPYRIGHT 2002 ACS  
AN 1998:458073 CAPLUS  
DN 129:170356  
TI Temporal and kinetic determinants of the inhibition of LDL oxidation by  
N-acetylcysteine (NAC)  
AU Rattan, Anil K.; Arad, Yadon  
CS DeMatteis Center, St. Francis Hospital, Roslyn, NY, 11576-1348, USA  
SO Atherosclerosis (Shannon, Ireland) (1998), 138(2), 319-327  
CODEN: ATHSBL; ISSN: 0021-9150  
PB Elsevier Science Ireland Ltd.  
DT Journal  
LA English

L2 ANSWER 7 OF 17 CAPLUS COPYRIGHT 2002 ACS  
AN 1998:408895 CAPLUS  
DN 129:173582  
TI Glutathione and glutathione S-transferase in blood and leukocytes:  
relation to cholesterol levels in healthy volunteers  
AU Gannage-Yared, M.-H.; Khneisser, I.; Salem, N.; Gouyette, A.; Loiselet,  
J.; Halaby, G.; Massade, L.  
CS Departement d'endocrinologie, Faculte de medecine, Universite  
Saint-Joseph, Beirut, Lebanon  
SO Annales de Biologie Clinique (1998), 56(3), 321-327  
CODEN: ABCLAI; ISSN: 0003-3898  
PB John Libbey Eurotext  
DT Journal  
LA French

L2 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2002 ACS  
AN 1996:438216 CAPLUS  
DN 125:135291  
TI Glutathione peroxidase activities in serum and erythrocyte in male adults,  
and the effects of smoking and drinking habits  
AU Shimmura, Tetsuo; Nakazaki, Mineko; Nishino, Harumi; Nakagawa, Hideaki;  
Naruse, Yuchi; Kagamimori, Sadanobu  
CS Toyama Inst. Health, Toyama, 939-03, Japan  
SO Biomedical Research on Trace Elements (1996), 7(1), 21-27  
CODEN: BRTEE5; ISSN: 0916-717X  
PB Nippon Biryo Genso Gakkai  
DT Journal

LA Japanese

L2 ANSWER 9 OF 17 CAPLUS COPYRIGHT 2002 ACS

AN 1995:705044 CAPLUS

DN 123:108357

TI Allozyme markers in scallop *Mizuhopecten yessoensis* Jay

AU Dolganov, S. M.

CS Inst. Marine Biol., Russian Acad. Sci., Vladivostok, 690041, Russia

SO Russian Journal of Genetics (Translation of Genetika (Moscow)) (1995), 31(6), 705-11

CODEN: RJGEEQ; ISSN: 1022-7954

PB MAIK Nauka/Interperiodica

DT Journal

LA English

L2 ANSWER 10 OF 17 CAPLUS COPYRIGHT 2002 ACS

AN 1994:653890 CAPLUS

DN 121:253890

TI Bequinostatin C and D manufacture with *Streptomyces*

IN Takeuchi, Tomio; Aoyanagi, Takaaki; Hamada, Masa; Muraoka, Yasuhiko; Kojima, Fukiko; Aoyama, Takayuki; Tatee, Tochiyo; Yamazaki, Tadao

PA Microbial Chem Res Found, Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 06206846	A2	19940726	JP 1992-346273	19921225

L2 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2002 ACS

AN 1994:499165 CAPLUS

DN 121:99165

TI The correlation between multidrug resistance and glutathione (GSH) in EAC, EAC/ADR and EAC/ADR(R) cell lines

AU Wang, Q. D.; Li, G. D.; Liu, M. J.; Zhang, Y.; Liu, J.; Zhang, T. M.

CS Henan Inst. Med. Sci., Zhengzhou, 450052, Peop. Rep. China

SO Yaoxue Xuebao (1994), 29(1), 20-3

CODEN: YHHPAL; ISSN: 0513-4870

DT Journal

LA Chinese

L2 ANSWER 12 OF 17 CAPLUS COPYRIGHT 2002 ACS

AN 1993:555708 CAPLUS

DN 119:155708

TI Benastatins C and D, new inhibitors of glutathione S-transferase, produced by *Streptomyces* sp. MI384-DF12: production, isolation, structure determination, and biological activities

AU Aoyama, Takayuki; Kojima, Fukiko; Yamazaki, Tadao; Tatee, Tochiyo; Abe, Fuminori; Muraoka, Yasuhiko; Naganawa, Hiroshi; Aoyagi, Takaaki; Takeuchi, Tomio

CS Inst. Microb. Chem., Tokyo, 141, Japan

SO Journal of Antibiotics (1993), 46(5), 712-18

CODEN: JANTAJ; ISSN: 0021-8820

DT Journal

LA English

L2 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2002 ACS

AN 1991:556262 CAPLUS

DN 115:156262

TI Treatment of macrophages with oxidized low-density lipoprotein increases their intracellular glutathione content

AU Darley-Usmar, Victor M.; Severn, Alison; O'Leary, Vanessa J.; Rogers, Mark

CS Dep. Biochem. Sci., Wellcome Res. Lab., Beckenham/Kent, BR3 3BS, UK  
 SO Biochemical Journal (1991), 278(2), 429-34  
 CODEN: BIJOAK; ISSN: 0306-3275  
 DT Journal  
 LA English

L2 ANSWER 14 OF 17 CAPLUS COPYRIGHT 2002 ACS  
 AN 1989:91326 CAPLUS  
 DN 110:91326  
 TI Elevation of intracellular glutathione levels following depletion and its relationship to protection against radiation and alkylating agents  
 AU Taylor, Yvonne C.; Brown, J. Martin  
 CS Med. Cent., Stanford Univ., Stanford, CA, 94305, USA  
 SO Pharmacol. Ther. (1988), 39(1-3), 293-9  
 CODEN: PHTHDT; ISSN: 0163-7258  
 DT Journal  
 LA English

L2 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2002 ACS  
 AN 1982:98692 CAPLUS  
 DN 96:98692  
 TI Confirmational, provisional, and/or regional assignment of 15 enzyme loci onto Chinese hamster autosomes 1, 2, and 7  
 AU Stallings, Raymond L.; Siciliano, Michael J.  
 CS Dep. Genet., Univ. Texas System Cancer Cent., Houston, TX, 77030, USA  
 SO Somatic Cell Genet. (1981), 7(6), 683-98  
 CODEN: SCGTDW; ISSN: 0098-0366  
 DT Journal  
 LA English

L2 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2002 ACS  
 AN 1971:93421 CAPLUS  
 DN 74:93421  
 TI Electron transfer reaction in the radiation chemistry of some biologically important disulfide compounds  
 AU Lalitha, B.; Mittal, Jai P.  
 CS Chem. Div., Bhabha At. Res. Cent., Bombay, India  
 SO India, At. Energy Comm., Bhabha At. Res. Cent. [Rep.] (1970), B.A.R.C.-489, 138-46  
 CODEN: IABRAA  
 DT Report  
 LA English

L2 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2002 ACS  
 AN 1965:418901 CAPLUS  
 DN 63:18901  
 OREF 63:3380h,3381a  
 TI The relation between vitamin D, **glutathione** metabolism, and sulfhydrylating processes  
 AU De Pra, M.; Gatti, R.  
 CS Univ. Genoa  
 SO Minerva Pediat. (1963), 15(43), 1125-8  
 DT Journal  
 LA Italian

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NEWS	26 Sep 16	CA Section Thesaurus available in CAPLUS and CA
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=> s nitric oxide  
L1 202400 NITRIC OXIDE

=> s glutathione  
L2 192943 GLUTATHIONE

=> s bacteria  
L3 1069335 BACTERIA

=> s microbe  
L4 42318 MICROBE

=> s fungus  
L5 529330 FUNGUS

=> s cancer  
L6 1058361 CANCER

=> s hodgkins disease  
L7 6799 HODGKINS DISEASE

=> s small cell carcinoma  
3 FILES SEARCHED...  
L8 13797 SMALL CELL CARCINOMA

=>

=> s breast cancer  
L9 178870 BREAST CANCER

=> s testicular cancer  
L10 6143 TESTICULAR CANCER

=> s prostate cancer  
L11 56687 PROSTATE CANCER

=> s restenosis  
L12 27281 RESTENOSIS

=> s 11 and 12 and 13 and 14 and 15 and 16 and 17 and 18 and 19 and 110 and 111 and 112



L13 0 L1 AND L2 AND L3 AND L4 AND L5 AND L6 AND L7 AND L8 AND  
L9 AND L10 AND L11 AND L12

=> s 11 and 12 and 16  
L14 545 L1 AND L2 AND L6

=> s 114 and d-glutathione  
L15 8 L14 AND D-GLUTATHIONE

=> d 115 1-8

L15 ANSWER 1 OF 8 USPATFULL  
AN 2002:250825 USPATFULL  
TI Pharmaceutical preparations of **glutathione** and methods of  
administration thereof  
IN Demopoulos, Harry B., Scarsdale, NY, UNITED STATES  
Seligman, Myron L., Pleasantville, NY, UNITED STATES  
PI US 2002136763 A1 20020926  
AI US 2002-83327 A1 20020225 (10)  
RLI A 371 of International Ser. No. WO 1997-US23879, filed on 31 Dec 1997,  
UNKNOWN Continuation-in-part of Ser. No. US 1999-331947, filed on 28 Jun  
1999, GRANTED, Pat. No. US 6350467  
PRAI US 1996-34101P 19961231 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2416  
INCL INCLM: 424/451.000  
INCLS: 514/018.000  
NCL NCLM: 424/451.000  
NCLS: 514/018.000  
IC [7]  
ICM: A61K009-48  
ICS: A61K038-06

L15 ANSWER 2 OF 8 USPATFULL  
AN 2002:236008 USPATFULL  
TI Inhibiting GS-FDH to modulate NO bioactivity  
IN Stamler, Jonathan S., Chapel Hill, NC, UNITED STATES  
Liu, Limin, Durham, NC, UNITED STATES  
Hausladen, Alfred, Durham, NC, UNITED STATES  
Nudelman, Raphael, Durham, NC, UNITED STATES  
PA DUKE UNIVERSITY Office of Science and Technology, Durham, NC, UNITED  
STATES, 27708-0083 (U.S. corporation)  
PI US 2002128205 A1 20020912  
AI US 2001-757610 A1 20010111 (9)  
DT Utility  
FS APPLICATION  
LN.CNT 1136  
INCL INCLM: 514/018.000  
INCLS: 514/470.000  
NCL NCLM: 514/018.000  
NCLS: 514/470.000  
IC [7]  
ICM: A61K038-00  
ICS: A61K031-34; A01N043-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 3 OF 8 USPATFULL  
AN 2002:235524 USPATFULL  
TI Inhibitors of alternative alleles of genes encoding products that  
mediate cell response to environmental changes  
IN Housman, David E., Newton, MA, UNITED STATES  
Ledley, Fred D., Needham, MA, UNITED STATES  
Stanton, Vincent P., JR., Belmont, MA, UNITED STATES

PA Variagenics, Inc., a Delaware corporation (U.S. corporation)  
PI US 2002127714 A1 20020912  
AI US 2001-782837 A1 20010214 (9)  
RLI Division of Ser. No. US 1998-45054, filed on 19 Mar 1998, PATENTED  
DT Utility  
FS APPLICATION  
LN.CNT 3790  
INCL INCLM: 435/344.000  
INCLS: 536/023.100  
NCL NCLM: 435/344.000  
NCLS: 536/023.100  
IC [7]  
ICM: C07H021-02  
ICS: C07H021-04; C12N005-06; C12N005-16  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 4 OF 8 USPATFULL  
AN 2002:181670 USPATFULL  
TI Pharmaceutical preparations of **glutathione** and methods of  
administration thereof  
IN Demopolos, Harry B., Scarsdale, NY, United States  
Seligman, Myron L., Pleasantville, NY, United States  
PA Antioxidant Pharmaceuticals Corp., Elmsford, NY, United States (U.S.  
corporation)  
PI US 6423687 B1 20020723  
AI US 2001-813247 20010319 (9)  
RLI Continuation of Ser. No. US 1999-457642, filed on 9 Dec 1999, now  
patented, Pat. No. US 6204248 Continuation of Ser. No. US 1997-2100,  
filed on 31 Dec 1997, now patented, Pat. No. US 6159500  
PRAI US 1996-34101P 19961231 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3706  
INCL INCLM: 514/018.000  
INCLS: 514/021.000  
NCL NCLM: 514/018.000  
NCLS: 514/021.000  
IC [7]  
ICM: A61K031-00  
EXF 514/21; 514/18  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 5 OF 8 USPATFULL  
AN 2002:39674 USPATFULL  
TI Pharmaceutical preparations of **glutathione** and methods of  
administration thereof  
IN Demopoulos, Harry B., Scarsdale, NY, United States  
Seligman, Myron L., Pleasantville, NY, United States  
PA Antioxidant Pharmaceuticals Corp., Elmsford, NY, United States (U.S.  
corporation)  
PI US 6350467 B1 20020226  
WO 9829101 19980709  
AI US 1999-331947 19990628 (9)  
WO 1997-US23879 19971231  
19990628 PCT 371 date  
PRAI US 1996-34101P 19961231 (60)  
DT Utility  
FS GRANTED  
LN.CNT 2366  
INCL INCLM: 424/456.000  
INCLS: 424/422.000; 424/434.000; 424/451.000; 424/464.000; 424/484.000;  
514/018.000; 514/021.000; 514/824.000; 514/851.000; 514/866.000;  
514/879.000; 514/885.000; 514/894.000; 514/944.000; 514/962.000;  
514/970.000; 514/912.000; 514/913.000; 514/934.000

NCL NCLM: 424/456.000  
NCLS: 424/422.000; 424/434.000; 424/451.000; 424/464.000; 424/484.000;  
514/018.000; 514/021.000; 514/824.000; 514/851.000; 514/866.000;  
514/879.000; 514/885.000; 514/894.000; 514/912.000; 514/913.000;  
514/934.000; 514/944.000; 514/962.000; 514/970.000

IC [7]

ICM: A61K009-20

ICS: A61K009-48; A61K038-06

EXF 424/451; 424/456; 424/426; 424/489; 424/422; 424/423; 424/430; 424/433;  
424/434; 424/435; 424/436; 424/464; 424/484; 514/18; 514/21; 514/474;  
514/824; 514/931; 514/851; 514/866; 514/934; 514/879; 514/894; 514/912;  
514/913; 514/970

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 6 OF 8 USPATFULL

AN 2001:40462 USPATFULL

TI Pharmaceutical preparations of **glutathione** and methods of  
administration thereof

IN Demopoulos, Harry B., Scarsdale, NY, United States

Seligman, Myron L., Fairfield, CT, United States

PA Antioxidant Pharmaceuticals Corp., Elmsford, NY, United States (U.S.  
corporation)

PI US 6204248 B1 20010320

AI US 1999-457642 19991209 (9)

RLI Continuation of Ser. No. US 331947 Continuation of Ser. No. US  
1997-2100, filed on 31 Dec 1997, now abandoned

PRAI US 1996-34101P 19961231 (60)

DT Utility

FS Granted

LN.CNT 5144

INCL INCLM: 514/021.000

INCLS: 514/018.000

NCL NCLM: 514/021.000

NCLS: 514/018.000

IC [7]

ICM: A61K031-00

EXF 514/21; 514/18

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 7 OF 8 USPATFULL

AN 2001:36603 USPATFULL

TI Inhibitors of alternative alleles of genes encoding products that  
mediate cell response to environmental changes

IN Housman, David E., Newton, MA, United States

Ledley, Fred D., Needham, MA, United States

Stanton, Jr., Vincent P., Belmont, MA, United States

PA Variagenics, Inc., Cambridge, MA, United States (U.S. corporation)

PI US 6200754 B1 20010313

AI US 1998-45054 19980319 (9)

DT Utility

FS Granted

LN.CNT 3654

INCL INCLM: 435/006.000

INCLS: 536/023.100; 536/024.500; 435/375.000

NCL NCLM: 435/006.000

NCLS: 435/375.000; 536/023.100; 536/024.500

IC [7]

ICM: C12Q001-68

ICS: C07H021-04; C12N005-00

EXF 435/6; 435/91.2; 435/375; 536/23.1; 536/24.5; 536/24.3

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 8 OF 8 USPATFULL

AN 2000:167548 USPATFULL

TI Pharmaceutical preparations of **glutathione** and methods of  
 administration thereof  
 IN Demopoulos, Harry B., Scarsdale, NY, United States  
 Seligman, Myron L., Pleasantville, NY, United States  
 PA Antioxidant Pharmaceuticals Corporation, Elmsford, NY, United States  
 (U.S. corporation)  
 PI US 6159500 20001212  
 AI US 1997-2100 19971231 (9)  
 DT Utility  
 FS Granted  
 LN.CNT 2389  
 INCL INCLM: 424/456.000  
 INCLS: 424/451.000; 424/452.000; 424/484.000; 514/018.000; 514/474.000;  
 514/824.000; 514/851.000; 514/866.000; 514/879.000; 514/894.000;  
 514/912.000; 514/913.000; 514/931.000; 514/934.000; 514/970.000  
 NCL NCLM: 424/456.000  
 NCLS: 424/451.000; 424/452.000; 424/484.000; 514/018.000; 514/474.000;  
 514/824.000; 514/851.000; 514/866.000; 514/879.000; 514/894.000;  
 514/912.000; 514/913.000; 514/931.000; 514/934.000; 514/970.000  
 IC [7]  
 ICM: A61K009-48  
 ICS: A61K038-06  
 EXF 424/456; 424/464; 424/465; 424/451; 424/484; 424/486; 424/488; 424/452;  
 514/18; 514/474; 514/824; 514/851; 514/866; 514/879; 514/894; 514/912;  
 514/913; 514/931; 514/934; 514/970  
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FILE 'BIOSIS' ENTERED AT 09:32:25 ON 09 OCT 2002

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=> s nitric oxide

L1 202400 NITRIC OXIDE

=> s glutathione

L2 192943 GLUTATHIONE

=> s D-glutathione

L3 64 D-GLUTATHIONE

=> s GS-FDH

L4 5 GS-FDH

=> s glutathione-dependent formaldehyde dehydrogenase

L5 258 GLUTATHIONE-DEPENDENT FORMALDEHYDE DEHYDROGENASE

=> s pathologic bacteria

L6 54 PATHOLOGIC BACTERIA

=> s pathologic microbe

L7 12 PATHOLOGIC MICROBE

=> s pathologic fungus

L8 51 PATHOLOGIC FUNGUS

=> s cancer

L9 1058361 CANCER

=> s pathologically proliferating mammalian cells

L10 8 PATHOLOGICALLY PROLIFERATING MAMMALIAN CELLS

=> s hodgkin's  
MISMATCHED QUOTE 'HODGKIN'S'  
Quotation marks (or apostrophes) must be used in pairs,  
one before and one after the expression you are setting  
off or masking.

=> s 'hodgkin's'  
MISMATCHED QUOTE ''HODGKIN'S''  
Quotation marks (or apostrophes) must be used in pairs,  
one before and one after the expression you are setting  
off or masking.

=> s hodgkin disease  
L11 31758 HODGKIN DISEASE

=> s hodgkins  
L12 9745 HODGKINS

=> s small cell carcinoma  
L13 13797 SMALL CELL CARCINOMA

=> s breast cancer  
L14 178870 BREAST CANCER

=> s testicular cancer  
L15 6143 TESTICULAR CANCER

=> s prostate cancer  
L16 56687 PROSTATE CANCER

=> s restenosis  
L17 27281 RESTENOSIS

=> s l1 and l2 and l9 and l12 and l13 and l14 and l15 and l16 and l17  
L18 4 L1 AND L2 AND L9 AND L12 AND L13 AND L14 AND L15 AND L16 AND  
L17

=> d l18 1-4

L18 ANSWER 1 OF 4 USPATFULL  
AN 2002:198636 USPATFULL  
TI Human tumor necrosis factor receptor TR17  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Baker, Kevin P., Darnestown, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.  
corporation)  
PI US 2002106736 A1 20020808  
AI US 2001-961376 A1 20010925 (9)  
RLI Continuation-in-part of Ser. No. US 2000-533822, filed on 24 Mar 2000,  
PENDING  
PRAI US 2000-254874P 20001213 (60)  
US 2000-235991P 20000926 (60)  
US 2000-188208P 20000310 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13690  
INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
IC [7]  
ICM: C07K014-705

ICS: C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L18 ANSWER 2 OF 4 USPATFULL  
AN 2002:185256 USPATFULL  
TI Human tumor necrosis factor receptors TR21 and TR22  
IN Zeng, Zhi-Zhen, Lansdale, PA, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.  
corporation)  
PI US 2002098163 A1 20020725  
AI US 2001-910562 A1 20010723 (9)  
PRAI WO 2001-US23124 20010723  
US 2000-220116P 20000724 (60)  
US 2000-221143P 20000727 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9204  
INCL INCL: 424/085.100  
INCLS: 530/350.000; 536/023.500; 435/069.100; 435/325.000; 435/320.100  
NCL NCLM: 424/085.100  
NCLS: 530/350.000; 536/023.500; 435/069.100; 435/325.000; 435/320.100  
IC [7]  
ICM: A61K038-19  
ICS: C07K014-715; C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L18 ANSWER 3 OF 4 USPATFULL  
AN 2002:149299 USPATFULL  
TI Death domain-containing receptor polynucleotides, polypeptides, and  
antibodies  
IN Ni, Jian, Germantown, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
PI US 2002077458 A1 20020620  
AI US 2001-835788 A1 20010417 (9)  
RLI Continuation-in-part of Ser. No. WO 2000-US28666, filed on 17 Oct 2000,  
UNKNOWN  
PRAI US 1999-159585P 19991018 (60)  
US 1999-167246P 19991124 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 14143  
INCL INCL: 530/350.000  
INCLS: 536/023.500; 435/320.100; 435/325.000; 435/069.100; 530/324.000;  
530/387.900; 514/044.000; 435/006.000; 435/007.100; 514/002.000  
NCL NCLM: 530/350.000  
NCLS: 536/023.500; 435/320.100; 435/325.000; 435/069.100; 530/324.000;  
530/387.900; 514/044.000; 435/006.000; 435/007.100; 514/002.000  
IC [7]  
ICM: A01N037-18  
ICS: A61K038-00; C12Q001-68; G01N033-53; C07H021-04; A61K031-70;  
A01N043-04; C12P021-06; C12N015-00; C12N015-09; C12N015-63; C12N015-70;  
C12N015-74; C07K005-00; C07K007-00; C07K016-00; C07K017-00; C12N005-00;  
C12N005-02; C07K001-00; C07K014-00; C12P021-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L18 ANSWER 4 OF 4 USPATFULL  
AN 2002:126317 USPATFULL  
TI Human tumor necrosis factor delta and epsilon  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Gentz, Reiner L., Rockville, MD, UNITED STATES  
Dillon, Patrick J., Carlsbad, CA, UNITED STATES



PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.  
corporation)  
PI US 2002064829 A1 20020530  
AI US 2001-879919 A1 20010614 (9)  
RLI Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar 1997,  
PENDING  
PRAI US 1996-16812P 19960314 (60)  
US 2001-293499P 20010525 (60)  
US 2001-277978P 20010323 (60)  
US 2001-276248P 20010316 (60)  
US 2000-254875P 20001213 (60)  
US 2000-241952P 20001023 (60)  
US 2000-211537P 20000615 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13531  
INCL INCLM: 435/069.100  
INCLS: 435/325.000; 435/320.100; 530/351.000; 424/145.100; 530/388.230;  
536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/325.000; 435/320.100; 530/351.000; 424/145.100; 530/388.230;  
536/023.500  
IC [7]  
ICM: A61K039-395  
ICS: C07K014-525; C07K016-24; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.